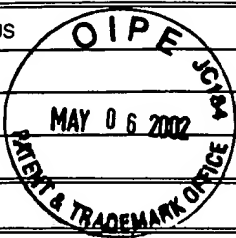


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US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
<i>mc</i>	5,011,681	04/30/91	Ciotti et al.	424	81	10/11/89
	4,760,025	07/26/88	Estell et al.	435	222	05/29/84
	5,283,173	02/01/94	Fields et al.	435	6	01/24/90
	5,475,096	12/12/95	Gold et al.	536	23.1	06/10/91
	4,800,197	01/24/89	Kowcz et al.	514	162	07/17/87
	5,837,500	11/17/98	Ladner et al.	435	69.7	04/03/95
	3,929,678	12/30/75	Laughlin et al.	252	526	08/01/74
	5,292,646	03/08/94	McCoy et al.	435	69.7	07/28/92
	5,270,181	12/14/93	McCoy et al.	435	69.7	08/14/91
	4,683,202	07/28/87	Mullis	435	91	10/25/85
	5,665,539	09/09/97	Sano et al.	435	6	10/04/93
	5,733,731	03/31/98	Schatz et al.	435	6	10/26/95
	5,677,136	10/14/97	Simmons et al.	435	7.24	11/14/94
	5,605,793	02/25/97	Stemmer	435	6	02/17/94
	5,582,981	12/10/96	Toole et al.	435	6	04/28/94
	5,061,620	10/29/91	Tsukamoto et al.	435	7.21	03/30/90
<i>mc</i>	5,750,397	05/12/98	Tsukamoto et al.	435	372	06/06/95

FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
<i>mc</i>	WO 98/54312	12/03/98	PCT			
	WO 97/22617 ✓	06/26/97	PCT			
	WO 91/18980 ✓	12/12/91	PCT			
	WO 97/35198 ✓	09/25/97	PCT			
	WO 96/41180 ✓	12/19/96	PCT			
	WO 91/19818 ✓	12/26/91	PCT			
	WO 96/33010 ✓	10/24/96	PCT			
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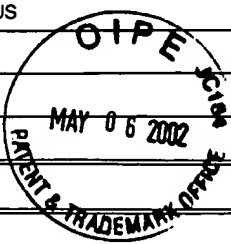
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INFORMATION DISCLOSURE CITATION

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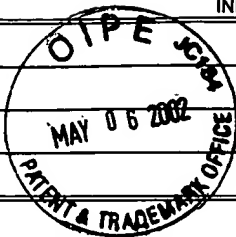
Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
<i>mcg</i>	Arap et al., "Cancer Treatment by Targeted Drug Delivery to Tumor Vasculature in a Mouse Model," <i>Science</i> , Vol. 279, pp. 377-380, Jan. 1998
	* Atlas and Parks, Eds. <i>The Handbook of Microbiological Media</i> , (1993) CRC Press, Boca Raton, FL <i>no copy</i>
	* Ausubel et al., <i>Current Protocols in Molecular Biology</i> , (1987) Greene Publishing and Wiley Interscience, N.Y., (Supplemental through 1999) <i>no copy</i>
<i>mcg</i>	Balass et al., "Recovery of High-Affinity Phage from a Nitrostreptavidin Matrix in Phage-Display Technology, <i>Analytical Biochemistry</i> ," Vol. 243, pp. 264-269, 1996
	Barbas et al., "Recent Advances in Phage Display," <i>Current Opinion in Biotechnology</i> , Vol. 4, pp. 526-530, 1993
	Barrett et al., "Selective Enrichment and Characterization of High Affinity Ligands from Collections of Random Peptides on Filamentous Phage," <i>Analytical Biochemistry</i> , Vol. 204, pp. 357-364, 1992
	Barry et al., "Toward cell-targeting gene therapy vectors: Selection of cell binding peptides from random peptide-presenting phage libraries," <i>Nature Medicine</i> , Vol. 2, No. 3, pp. 299-305 March 1996
	Bartoli, et al., "DNA-based selection and screening of peptide ligands," <i>Nature Biotechnology</i> , Vol. 16, pp. 1068-1074, November 1998
<i>mcg</i>	Bayer et al., "Protein Biotinylation," <i>Methods in Enzymology</i> , Vol. 184, pp. 138-161
	* Bengner and Kimmel, <i>Methods in Enzymology</i> , Vol. 152, (1987) Academic Press, Inc., San Diego, CA <i>- NO COPY</i>
<i>mcg</i>	Boder et al., "Yeast surface display for screening cominatorial polypeptide libraries," <i>Nature Biotechnology</i> , Vol. 15, pp. 553-557, June 1997
	Cao et al., "Detecting and Identifying Active Compounds from a Combinatorial Library Using IAsys and Electrospray Mass Spectrometry," <i>Techniques in Protein Chemistry VIII</i> , Ed. by Marshak, pp. 177-184
	Chang et al., "Targeting of Phototoxic Drugs to Antigen-Specific T Lymphocytes <i>in vitro</i> Using Antigen-Presenting Cell Membranes," <i>Photochemistry and Photobiology</i> , Vol. 61, No. 5, pp. 499-505, 1995
	Cheng et al., "Using Electrospray Ionization FICR Mass Spectrometry to Study Competitive Binding of Inhibitors to Carbonic Anhydrase," <i>J. Am. Chem. Soc.</i> , Vol. 117, pp. 8859-8860, 1995
	Christian et al., "Simplified Methods for Construction, Assessment and Rapid Screening of Peptide Libraries in Bacteriophage," <i>J. Mol. Biol.</i> Vol. 227, p. 711-718, 1992
	Cull et al., "Screening for receptor ligands using large libraries of peptides linking to the C terminus of the <i>lac</i> repressor," <i>Proc. Natl. Acad. Sci, USA</i> , Vol. 89, pp. 1865-1869, March 1992
	Cwirla et al., "Peptides on phage: A vast library of peptides for identifying ligands," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 6378-6382, August 1990
	de Bruin et al., "Selection of high-affinity phage antibodies from phage display libraries," <i>Nature Biotechnology</i> , Vol. 17, pp. 397-399, April 1999
	Devlin et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules," <i>Science</i> , Vol. 249, pp. 404-406, July 1990
	Evans et al., "Design of Nonpeptidal Ligands for a Peptide Receptor: Cholecystokinin Antagonists," <i>J. Med. Chem.</i> , Vol. 30, pp. 1229-1239, 1987
	Ferrara et al., "Clinical applications of angiogenic growth factors and their inhibitors," <i>Nature Medicine</i> , Vol. 5, No. 5, pp. 1359-1364, December 1999
<i>mcg</i>	Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," <i>Science</i> , vol. 251, pp. 767-773, February 1991
	* Gamborg and Phillips, Eds., <i>Plant Cell Tissue and Organ Culture, Fundamental Methods, Springer Lab Manual</i> , (1995) Springer-Verlag. <i>- NO COPY</i>
<i>mcg</i>	Gao et al., "Screening Derivatized Peptide Libraries for Tight Binding Inhibitors to Carbonic Anhydrase II by Electrospray Ionization-Mass Spectrometry," <i>J. Med. Chem.</i> , Vol. 39, pp. 1949-1955, 1996
	Gerber et al., "VEGF couples hypertrophic cartilage remodeling, ossification and angiogenesis during endochondral bone formation," <i>Nature Medicine</i> , vol. 5, No. 6, pp. 623-628, June 1999
	Griffin et al., "The discovery and characterization of a novel nucleotide-based thrombin inhibitor," <i>Gene</i> , Vol. 137, pp. 25-31, 1993
	Gubler et al., "A simple and very efficient method for generating cDNA libraries," <i>Gene</i> , Vol. 25, pp. 263-269, 1983
<i>mcg</i>	Hajduk et al., "High-Throughput Nuclear Magnetic Resonance-Based Screening," <i>J. Med. Chem.</i> Vol. 42, pp. 2315-2317, 1999

Examiner	Date Considered

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#7
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MAY 06 2002
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OTHER DOCUMENTS

mg	Hanes et al., "In Vitro selection and evolution of functional proteins by using ribosome display," <i>Proc. Natl. Acad. Sci. USA</i>
	* Harlow et al., <i>Using Antibodies, A Laboratory Manual</i> , (1999) Cold Spring Harbor Press - NO COPY
mg	Huls et al., "A recombinant, fully human monoclonal antibody with antitumor activity constructed from phage-displayed antibody fragments," <i>Nature Biotechnology</i> , Vol. 17, pp. 276-281, March 1999
	* Innis et al., <i>PCR Protocols - A guide to Methods and Applications</i> (1990) Academic Press, Inc. - NO COPY
	* Kenny and Fowell, Eds., <i>Practical Protein Chromatography Methods in Molecular Biology</i> , Vol. 11, (1992) Humana Press, Totowa, N.J. - NO COPY
	* Kay et al., <i>Phage Display of Peptides and Proteins</i> (1996) Academic Press, Inc. - NO COPY
mg	Klumb et al., "Energetic Roles of Hydrogen Bonds at the Ureido Oxygen Binding Pocket in the Streptavidin-Biotin Complex," <i>Biochemistry</i> , Vol. 37, No. 21, pp. 7657-7663. May 26, 1998
	Koivunen et al., "Tumor targeting with a selective gelatinase inhibitor," <i>Nature Biotechnology</i> , Vol. 17, pp. 768-774, August 1999
	Lam et al., "The Chemical Synthesis of Large Random Peptide Libraries and Their Use for the Discovery of Ligands for Macromolecular Acceptors," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 3, No. 3, pp. 419-424, 1993
	Lenstra et al., "Isolation of sequences from a random-sequence expression library that mimic viral epitopes," <i>J. of Immunological Methods</i> , Vol. 152, pp. 149-157, 1992
	Marshall et al., "Fourier Transform Ion Cyclotron Resonance Mass Spectrometry: A Primer," <i>Mass Spectrometry Reviews</i> , Vol. 17, pp. 1-35, 1998
	Morton et al., "Kinetic Analysis of Macromolecular Interactions Using Surface Plasmon Resonance Biosensors," <i>Methods in Enzymology</i> , Vol. 295, pp. 268-294, 1998
	Nelson et al., Advances in surface plasmon resonance biomolecular interaction analysis mass spectrometry (BIA/MS)," <i>J. Molecular Recognition</i> , Vol. 12, pp. 77-93, 1999
	Parnley et al., "Antibody-selectable filamentous fd phage vectors: affinity purification of target genes," <i>Gene</i> , Vol. 73, pp. 305-318, 1988
✓	Pinilla et al., "Investigation of antigen-antibody interactions using a soluble, non-support-bound synthetic decapeptide library composed of four trillion (4 x 10 ¹²) sequences," <i>Biochem. J.</i> , Vol. 301, pp. 847-853, 1994
mg	Reineke et al., "A synthetic mimic of a discontinuous binding site on interleukin-10," <i>Nature Biotechnology</i> , Vol. 17, pp. 271-275
	* Roux, <i>Optimization and Troubleshooting in PCR (in PCR Primer: A Laboratory Manual)</i> (1995) Cold Spring Harbor Press - NO COPY
mg	Sambrook, J. et al., <i>Molecular Cloning, A Laboratory Manual</i> , 2nd Ed., Cold Spring Harbor Laboratory Press, Chapter 1: "Plasmid Factors" 1989
mg	Sambrook, J. et al., <i>Molecular Cloning, A Laboratory Manual</i> , 2nd Ed., Cold Spring Harbor Laboratory Press, Chapter 16: "Expression of Cloned Genes in Cultured Mammalian Cells" 1989
	Scott et al., "Searching for Peptide Ligands with an Epitope Library," <i>Science</i> , Vol. 249, pp. 386-390, July 1990
	Singleton et al., <i>Dictionary of Microbiology and Molecular Biology</i> , 2nd Ed., pp. 34-37,
	Smith, G.P., "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on the Virion Surface," <i>Science</i> , Vol. 228, pp. 1315-1317, June 1985
	Smith, G.P. et al., "Libraries of Peptides and Proteins Displayed on Filamentous Phage," <i>Methods in Enzymology</i> , Vol. 217, pp. 228-257, 1993
	Smith, M., "In Vitro Mutagenesis," <i>Ann. Rev. Genet.</i> , Vol. 19, pp. 423-462, 1985
	Szabo et al., "Surface plasmon resonance and its use in biomolecular interaction analysis (BIA)," <i>Structural Biology</i> , Vol. 5, pp. 699-705, 1995
	Tjoeng et al., "Multiple peptide synthesis using a single support (MPS3)," <i>Int. J. Peptide Protein</i> , Vol. 35, pp. 141-146, 1990
✓	Tuerk et al., "Systematic Evolution of Ligands by Exponential Enrichment: RNA Ligands to Bacteriophage T4 DNA Polymerase," <i>Science</i> , Vol. 2, pp. 505-510, August 1990
mg	Walk et al., "ESI Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, (ESI-FT-ICR-MS): A Rapid High-Resolution Analytical Method for Combinatorial Compound Libraries," <i>Angew. Chem. Int. Ed.</i> , Vol. 38, No. 12, pp. 1763-1765, 1999

Examiner	Date Considered 6/20/03
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OTHER DOCUMENTS

mar	Wu et al., "Quantitative electrospray mass spectrometry for the rapid assay of enzyme inhibitors," <i>Chemistry & Biology</i> , Vol. 4, No. 8, pp. 653-657, 1997
↓	Youngquist et al., "Generation and Screening of Combinatorial Peptide Libraries Designed for Rapid Sequencing by Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , Vol. 117, ppg. 3900-3906, 1995
mar	Xiang et al., "A Combinatorial Approach to Materials Discovery," <i>Science</i> , Vol. 268, pp. 1738-1742, June 1995

Examiner	Date Considered <u>6/20/03</u>
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